

6BH3A

Half-Wave Vacuum Rectifier

NOVAR TYPE
For Television Damper Service

Electrical:

Heater Characteristics and Ratings:

Voltage (AC or DC) 6.3 ± 0.6 volts
Current at heater volts = 6.3 1.600 amp

Peak heater-cathode voltage:

Heater negative with
respect to cathode^a. 5500^b max. volts
Heater positive with
respect to cathode 300^c max. volts

Direct Interelectrode Capacitances

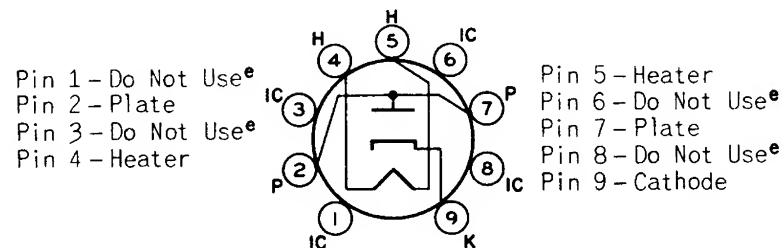
(Approx):^d

P to (H,K) 6.5 pf
K to (P,H) 9.0 pf
Heater to cathode. 2.8 pf

Mechanical:

Mounting Position. Any
Type of Cathode. Coated Unipotential
Maximum Overall Length 3.005"
Seated Length. 2.375" to 2.625"
Diameter 1.062" to 1.188"
Dimensional Outline. See *General Section*
Bulb T9
Socket Novar 9-Contact
Base Small-Button Novar 9-Pin with Exhaust
(JEDEC No. E9-89)

Basing Designation for BOTTOM VIEW 9HP



DAMPER SERVICE

For operation in a 525-line, 30-frame system^f

Maximum Ratings, Design-Maximum Values:

Peak Inverse Plate Voltage^a. 5500 max. volts
Peak Plate Current 1100 max. ma
Average Plate Current. 180 max. ma
Plate Dissipation. 6.8 max. watts

Characteristic, Instantaneous Value:

Tube Voltage Drop for plate ma = 350 . . . 32 volts



RADIO CORPORATION OF AMERICA
Electronic Components and Devices
Harrison, N. J.

DATA
10-64

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- a This rating is applicable when the duty cycle of the voltage pulse does not exceed 15 per cent of one horizontal scanning cycle. In a 525-line, 30-frame system, 15 per cent of one horizontal scanning cycle is 10 microseconds.
- b The dc component must not exceed 900 volts.
- c The dc component must not exceed 100 volts.
- d Without external shield.
- e Socket terminals 1, 3, 6, and 8 should not be used as tie points. It is recommended that the socket clips for these pins be removed to reduce the possibility of arc-over and to minimize leakage.
- f As described in "Standards of Good Engineering Practice Concerning Television Broadcast Stations," Federal Communications Commission.

